

Product datasheet for **SC322583**

Paralemmin (PALM) (NM_002579) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Paralemmin (PALM) (NM_002579) Human Untagged Clone
Tag:	Tag Free
Symbol:	Paralemmin
Synonyms:	PALM1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322583
 CCCC GCCCGCACCGCGGACCCACCCGGACCTCGGCGGGGAGATGGAGGTCTGGCGGCA
 GAGACCACGTCCCAGCAGGAGCGGCTGCAGGCCATCGCAGAGAAGCGGAAGCGGCAGGCG
 GAGATCGAGAACAAGCGCCGGCAGCTGGAGGACGAGCGGAGGCAGCTGCAGCACCTGAAG
 TCCAAGGCACTGCGGGAGCGTGGCTGCTGGAGGGGACCCGTCCTCGGCCTCAGAGGGG
 GATGAGGACCTGAGGAGGCAGATGCAGGACGACGAGCAGAAGACACGGCTGCTGGAGGAC
 TCGGTGTCCAGGTTGGAGAAGGAAATTGAGGTGCTGGAGCGTGGAGACTCCGCCCCAGCC
 ACTGCCAAGGAGAACCGCGCGGCCCGAGCCAGTCCGGGCCCCAGCCCCGAGTCCAGCC
 AAGGAGGAGCGCAAGACAGAGGTGGTGAATTACAGCAGACGCCGGTGGGCACGCC
 AAAGACAAGCGAGTCTCCAACACGCCCTGAGGACGGTTGACGGCTCCCCATGATGAAG
 GCAGCCATGTACTCGTTGAGATCACTGTGAGAAGGACAAGGTGACAGGGGAGACCAGG
 GTGCTGTCCAGCACCGCTGCTCCCTCGGCAGCCGCTCCCTCTGGGCATCAAAGTCTAC
 GAGGACGAGACCAAAGTGGTCCATGCTGTGGACGGCACCGCCGAGAACGGGATCCACCCC
 CTGAGCTCCTCCGAGGTGGACGAACTATCCACAAGCGGACGAGGTACGCTGAGCGAG
 GCAGGGTCCACGGCCGGGCGGCAGAGACCCGGGGGGCTGTGGAGGGGGCAGCCCGGACC
 ACGCCCTCCCGCGGGAGATCACCGGTGTGCAGGCACAGCCAGGCGAGGCCACGTCCGGC
 CCGCCGGGGATCCAGCCCGGCCAGGAGCCCCGGTCACAATGATCTTCATGGGTTACCAG
 AACGTGGAGGATGAGGCCGAGACCAAGAAGGTGCTGGGCCTTCAAGATACCATCACGGCG
 GAGCTGGTGGTCAATCGAAGACGCGGCTGAGCCCAAGGAGCCTGCACCACCCAACGGCAGT
 GCTGCCGAGCCTCCCACGGAGGCCCGCTCCAGGGAAGAGAATCAGGCGGGGCCCGAGGCC
 ACCACCAGCGACCCCAAGACCTCGACATGAAGAAGCACCGTTGTAATGCTGCTCCATC
 ATGTGAGCCGGCCCCGAGACCCCGCCCCACCCACACCACAGACACCACCCAGCCCCG
 GCCCTCCCGGCCCTGCCACCTCCACCCACAGCCTCACGGGTCCAGGACTTGGCGTG
 TTGTTACATGTTCTTCGAGTTTTCTTTTCGCTGGAAAGAGGGACAGGGGCCCCACCCG
 TACCACGCCCAACACTCCCCCGAACCAAGAGCCGTGCATTGTGCTGGTAGGAGAGA
 GACAGGACAGACCCGCTTTTCCCGAGACAAGGACCCCCATGTCACGGCAGCTTACAGA
 CGCGGCTCGCGCCACCGGGTCTGGCGGGTGGGACCCGCGGCCTCCACGCGGCCCAGG
 CCAGCCTGCCACCCTCTGGGCTCCTACCTGTGCCTTTCTGAGGGGACACCCGCCAG
 AGAGGGCCCCGGAGCCGGGGTGGTACTGAGGCCTGCTCAGGCCCTGGAAGTGAAGCT
 CTATGGGGTTCCCTGGCCAAGGCGCTGGCCCCCAATCTCAGGCAGTTGGGGTGAAGCCG
 TGCTCTTTGGGGCTAAAGGTCTTGGGTGGAGGACAGGCCCTCTGCTGTGCCCTATG
 CCCTGTGTGGGCCAACCAGTGGACAATGGAGTCTGGGGGAGGGGAACCCCGGGGACAT
 GCCCCACCCGGGAGGGGCCGTAACCCCTGGGTATCTTCTAGACGGGGCAACAGGG
 GTCATTGACCTGCCCCCTGCACAGGGCAGGGACCGAGTGAAGCCTCCTGTCCCAGCT
 CCCGCCCACTGGGCCCTCCTTCTCCTGGTGAATTTGGGGACCCAGGGGCCCGCC
 CCGGCTCTTCTCCATCTGCTTGGACCAGGGTCTGGGTCTTCCCAACCATACCCCGAG
 ATCAGGCCCACTGCCAGCTCTACTGGCTTGGAGCACGTCCGGCAGTGGAGGGAGGG
 ACACAGCCTGGGACAGGAAGCCTCTTGGTTGGAGCAGGAGACCCTCATTTGCCACCCAG
 ACCAATGTGAGCCTGCCCCAGCCCCCTCATTGGAAGTGGCAAGGGGCTTCCCTCCTG
 GGGCAGCTACACTCGTCCCAGAGGCACATTCTGTCACATTCTACAGACACCGTCTCA
 CAGTTGGCTTTGGACAACAGGCCCAACTTGGTCCCTGCCCTAGGGACCTCCAGCCTG
 GTGCCAGTGCTCAGGCCACCTCCTGGTCCAGTACCACCTGCAGCCTCGGCAGGGCAGG
 TACAGGGGCCACCTCGGATGGGAGCCTGGGTCCCTGCCTCCGCTCTGCCCTGGGTGGCT
 GGGAGGAGAGGCCCTCTCGGGGTGACCTGGGCGTCAGCCGTGGAACCCCTCCTCCTCC
 CTGGAGTCTGCCTGAGTCCCTCGAGCCGCGAGCCTTCGCTGAAGTGCCTTGCTATAACC
 CCCTCTGCTTCTGGTGTGTGACGAGGCCCCCGATGTTCTTGATTTTCCCAGAGAAGCAA
 TAAACAGCGTGAACAGCCCCAAAAA
 AAAAA

Restriction Sites: Please inquire
ACCN: NM_002579

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_002579.2 , NP_002570.2
RefSeq Size:	2890 bp
RefSeq ORF:	1164 bp
Locus ID:	5064
UniProt ID:	O75781
Cytogenetics:	19p13.3
Domains:	Paralemmin
Gene Summary:	<p>This gene encodes a member of the paralemmin protein family. The product of this gene is a prenylated and palmitoylated phosphoprotein that associates with the cytoplasmic face of plasma membranes and is implicated in plasma membrane dynamics in neurons and other cell types. Several alternatively spliced transcript variants have been identified, but the full-length nature of only two transcript variants has been determined. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>